



World Database of Happiness

Correlational Findings

© on data collected: Ruut Veenhoven, Erasmus University Rotterdam

Findings on Happiness & INSTITUTIONAL LIVING

Correlate Code: I 2

Classification of Findings

Correlate Code Correlate Name

**Number of Studies
on this Subject**

| | | |
|-----------|---|---|
| I 2 | INSTITUTIONAL LIVING | 0 |
| I 2.1 | Institutional career | 0 |
| I 2.1.1 | Ever lived in an institutional setting | 2 |
| I 2.1.2 | Change in institutional living | 1 |
| I 2.1.2.1 | . before and after entrance | 1 |
| I 2.1.2.2 | . before and after leave | 1 |
| I 2.1.3 | Length of current stay in institution | 2 |
| I 2.1.4 | Later institutional living | 0 |
| I 2.2 | Current living in an institution or not | 1 |
| I 2.2.5 | Living in a home for elderly | 0 |
| I 2.2.6 | Living in a home for handicapped | 0 |
| I 2.3 | Characteristics of institution | 0 |
| I 2.3.1 | Restrictiveness of setting | 4 |
| I 2.3.2 | Group morale | 3 |
| I 2.3.3 | Organizational change in institution | 1 |
| I 2.3.4 | Quality of staff in institution | 1 |
| I 2.3.5 | Size of institution | 1 |
| I 2.4 | Attitudes to institution | 6 |
| I 2.5 | Behavior in institution | 4 |

| | |
|-------------|---|
| Appendix 1: | Happiness queries used |
| Appendix 2: | Statistics used |
| Appendix 3: | About the World Database of Happiness |
| Appendix 4: | Further Findings in the World Database of Happiness |
| Appendix 5: | Related Topics |

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World Database of Happiness. Internet: www.eur.nl/fsw/research/happiness
Erasmus University Rotterdam, 2003, Netherlands

| | | | |
|----------------------|--|------------------------|--------|
| Study | KALMU 1992 | <i>Page in Report:</i> | 82; 88 |
| <i>Reported in:</i> | Kalmuss,D., Namerow, P.B.G., Bauer,U. Short term consequences of parenting versus adoption among young unmarried Journal of Marriage and the Family 1992 vol. 54 pp 80-90. | | |
| <i>Population:</i> | Unmarried teenage mothers, USA, 1989-1990 | | |
| <i>Sample:</i> | Non-probability purposive sample (unspecified) | | |
| <i>Non-Response:</i> | >10% | | |
| <i>N:</i> | 527 | | |

Measured Correlate

| | |
|-------------------------|---|
| <i>Class:</i> | Ever lived in an institutional setting Code: I 2.1.1 |
| <i>Measurement:</i> | Lived in maternity residence while pregnant 0: no 1: yes |
| <i>Measured Values:</i> | 75% respondents lived in maternity residence |
| <i>Error Estimates:</i> | |
| <i>Remarks:</i> | The large proportion of Ss who lived in maternity residence limits the generalizability of findings |

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> |
|------------------------|-------------------|--|
| O-SL?/?/sq/v/4/a | B=+.09 ns | B controlled for: - pregnancy resolution (proportion of Ss who lived in maternity residence limits the generalizability of findings) - age in years - race (black/white) - lived with both parents at age 14 - high school graduate - received public assistance |

| | | | |
|----------------------|---|------------------------|----------------|
| Study | VENTE 1997 | Page in Report: | 534-538 |
| <i>Reported in:</i> | Ventegodt, S. Livskvalitet og omstændigheder tidligt i livet(The quality of Life and Factors in Forskningscenter for Livskvalitet , Forskningscentrets Forlag, København, Denmark, ISBN 8790190130 | | |
| <i>Population:</i> | 31-33 aged, born at the university hospital, Denmark, 1993 | | |
| <i>Sample:</i> | Non-probability chunk sample | | |
| <i>Non-Response:</i> | 36% | | |
| <i>N:</i> | 4626 | | |

Measured Correlate

Class: Ever lived in an institutional setting Code: I 2.1.1

Measurement: (1)the child's 24 hour residence in an institution in first year
(2)day care (institution) in the child's first year
(3)day care(private home)in the child's first year
a: more than 4 months in the first half year
b: more than 4 months in the second half year
c: time unknown but either institutionalized or in a foster home
1: 1-2 months
2: 3-4 months
3: 5-6 months
4: 7-8 months
5: 9-10 months
6: 11-12 months
7: the whole year

Measured Values: N 1 all:4345, %:1a:3,4, 1b:1,2, 1c:86,4, 1:2,0, 2:1,2, 3:0,6, 4:1,2, 5:0,8,
6:0,7, 7:2,2
N 2 all:4379, %:2a:1,2, 2b:4,7, 2c:82,5, 1:0,2, 2:1,1, 3:2,6, 4:0,5, 5:1,0,
6:1,4, 7:5,2
N 3 all:4087, %:3a:1,0, 3b:2,2, 3c:82,9, 1:0,2, 2:0,6, 3:1,3, 4:0,6, 5:0,7,
6:1,4, 7:3,0

Error Estimates:

Remarks:

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> | | |
|------------------------|-------------------|----------------|-------------|--------------|
| A-AOL/m/sq/v/5/a | | 24 hour res | institution | private home |
| | | a: Mt=7.90 | a: 7.88 | a: 7.21 |
| | | b: Mt=7.75 | b: 7.68 | b: 7.61 |
| | | c: Mt=7.74 | c: 7.75 | c: 7.75 |
| | | 1: Mt=7.73 | 1: 8.05 | 1: 8.50 |
| | | 2: Mt=7.80 | 2: 7.75 | 2: 7.69 |
| | | 3: Mt=7.40 | 3: 7.81 | 3: 7.45 |
| | | 4: Mt=7.04 | 4: 8.13 | 4: 8.10 |
| | | 5: Mt=7.50 | 5: 7.79 | 5: 7.19 |

| | | | |
|------------------|--------------|--------------|--------------|
| | 6: Mt=7.90 | 6: 7.54 | 6: 7.79 |
| | 7: Mt=7.86 | 7: 7.65 | 7: 7.64 |
| O-HL/c/sq/v/5/h | 24 hour res | instituti on | private home |
| | a: Mt=6.95 | a: 7.36 | a: 6.75 |
| | b: Mt=7.00 | b: 7.06 | b: 7.18 |
| | c: Mt=7.03 | c: 7.03 | c: 7.04 |
| | 1: Mt=6.85 | 1: 8.05 | 1: 8.00 |
| | 2: Mt=7.05 | 2: 7.35 | 2: 7.41 |
| | 3: Mt=6.60 | 3: 7.21 | 3: 6.98 |
| | 4: Mt=6.28 | 4: 7.60 | 4: 7.00 |
| | 5: Mt=6.63 | 5: 7.10 | 5: 6.25 |
| | 6: Mt=7.50 | 6: 6.71 | 6: 7.04 |
| | 7: Mt=7.09 | 7: 6.93 | 7: 6.89 |
| O-SLu/c/sq/v/5/e | 24 hour res. | instituti on | private home |
| | a: Mt=7.33 | a: 7.50 | a: 6.75 |
| | b: Mt=7.40 | b: 7.50 | b: 7.55 |
| | c: Mt=7.41 | c: 7.41 | c: 7.41 |
| | 1: Mt=7.16 | 1: 7.78 | 1: 8.25 |
| | 2: Mt=7.55 | 2: 7.65 | 2: 7.59 |
| | 3: Mt=7.40 | 3: 7.68 | 3: 7.36 |
| | 4: Mt=6.76 | 4: 7.91 | 4: 7.70 |
| | 5: Mt=7.30 | 5: 7.56 | 5: 6.88 |
| | 6: Mt=7.74 | 6: 7.16 | 6: 7.71 |
| | 7: Mt=7.53 | 7: 7.34 | 7: 7.20 |

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|----------------------|---|------------------------|-----|
| Study | KAINU 1998 | <i>Page in Report:</i> | 261 |
| <i>Reported in:</i> | Kainulainen, Sakari Elämäntapahtumat ja elämään tyytyväisyys eri sosiaaliluokissa, (Life Events and Kuopio University Publications (E Social Sciences 62), Kuopio ,Finland . ISBN 951-781-821-1 | | |
| <i>Population:</i> | 18+ aged, general public, non-institutionalized, former province Kuopio, Finland, 1991-'96. | | |
| <i>Sample:</i> | Probability sample (unspecified) | | |
| <i>Non-Response:</i> | not rep | | |
| <i>N:</i> | 2682 | | |

Measured Correlate

| | |
|-------------------------|---|
| <i>Class:</i> | Change in institutional living Code: I 2.1.2 |
| <i>Measurement:</i> | Have you experienced having to go into institutional care (a) during the last year ? (b) ever in your life ? Answers: No(=0) or Yes(=1). |
| <i>Measured Values:</i> | Never: N = 2295 Ever in your life: N = 142 |
| <i>Error Estimates:</i> | |
| <i>Remarks:</i> | |

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> |
|------------------------|-------------------|--------------------------------------|
| O-SLu/c/sq/v/5/g | r=-.01 p<. | during the last year |
| | r=-.07 p<. | ever in your life |
| | DM=- p<. | never: M = 3.87 |
| | | ever in your life: M = 3.64 |
| | | 95% CI for difference: [0.06 ; 0.40] |

| | | | |
|----------------------|---|------------------------|-----|
| Study | HACKE 1969 | <i>Page in Report:</i> | 125 |
| <i>Reported in:</i> | Hacker, S.L. & Gaits, C.M. The moral career of the elderly mental patient. The Gerontologist, 1969, vol.9, p.120-127. | | |
| <i>Population:</i> | Aged mental patients, 1 year after admission, USA, 1966 | | |
| <i>Sample:</i> | | | |
| <i>Non-Response:</i> | 66% drop-outs: 33% dead, 17% could not be located, 16% incoherent or refusal. | | |
| <i>N:</i> | 36 | | |

Measured Correlate

| | |
|-------------------------|---|
| <i>Class:</i> | . before and after entrance Code: I 2.1.2.1 |
| <i>Measurement:</i> | 0 Expatients: released (N=18) 1 Inpatients: still in hospital (N=18) |
| <i>Measured Values:</i> | |
| <i>Error Estimates:</i> | |
| <i>Remarks:</i> | |

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> |
|------------------------|-------------------|---|
| A-BB/cm/mq/v/2/a | p<.05 | Significant differences for the Index of Negative Affects only. |

| | | | |
|----------------------|---|------------------------|-----|
| Study | HACKE 1969 | <i>Page in Report:</i> | 125 |
| <i>Reported in:</i> | Hacker, S.L. & Gaits, C.M. The moral career of the elderly mental patient. The Gerontologist, 1969, vol.9, p.120-127. | | |
| <i>Population:</i> | Aged mental patients, 1 year after admission, USA, 1966 | | |
| <i>Sample:</i> | | | |
| <i>Non-Response:</i> | 66% drop-outs: 33% dead, 17% could not be located, 16% incoherent or refusal. | | |
| <i>N:</i> | 36 | | |

Measured Correlate

| | |
|-------------------------|---|
| <i>Class:</i> | . before and after leave Code: I 2.1.2.2 |
| <i>Measurement:</i> | 0 Expatients: released (N=18) 1 Inpatients: still in hospital (N=18) |
| <i>Measured Values:</i> | |
| <i>Error Estimates:</i> | |
| <i>Remarks:</i> | |

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> |
|------------------------|-------------------|---|
| A-BB/cm/mq/v/2/a | p<.05 | Significant differences for the Index of Negative Affects only. |

| Study | FORTI 1983 | <i>Page in Report:</i> |
|----------------------|---|------------------------|
| <i>Reported in:</i> | Th.J. Forti, M.S. Hyg A Documented Evaluation of Primary Prevention through Consultation Community Mental Health Journal, 1983, p 290-304 | |
| <i>Population:</i> | Catholic nuns, re-organized cloister, followed 4 years, Louisiana, USA, 1977-1981 | |
| <i>Sample:</i> | | |
| <i>Non-Response:</i> | T1: 18%, T2: 14%, T3: 23% | |
| <i>N:</i> | T1: 146, T2: 154, T3: 137 | |

Measured Correlate

| | |
|-------------------------|--|
| <i>Class:</i> | Length of current stay in institution Code: I 2.1.3 |
| <i>Measurement:</i> | Single closed question, rated on a 6-point scale, ranging from (1) < 3 years to (6) > 40 years. (order reversed) |
| <i>Measured Values:</i> | |
| <i>Error Estimates:</i> | |
| <i>Remarks:</i> | |

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> |
|------------------------|-------------------|---|
| O-DT/u/sq/f/7/a | r=- | T1: 1977 r= -.11 (ns) T2: 1979 r= -.13 (ns) T3: 1981 r= -.11 (ns) Both variables assessed at T1, T2, and T3. Correlation concerns same time measures. |

| | | | |
|----------------------|---|------------------------|-----|
| Study | PANDE 1971 | <i>Page in Report:</i> | 329 |
| <i>Reported in:</i> | Pandey, C. Popularity, rebelliousness, and happiness among institutionalized retarded males. American Journal of Mental Deficiency, 1971, p. 325-331. | | |
| <i>Population:</i> | Mentally retarded males, hospital, USA, 196? | | |
| <i>Sample:</i> | | | |
| <i>Non-Response:</i> | | | |
| <i>N:</i> | 149 | | |

Measured Correlate

| | | |
|-------------------------|---------------------------------------|---------------|
| <i>Class:</i> | Length of current stay in institution | Code: I 2.1.3 |
| <i>Measurement:</i> | Number of years. | |
| <i>Measured Values:</i> | | |
| <i>Error Estimates:</i> | | |
| <i>Remarks:</i> | | |

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> |
|------------------------|-------------------|---|
| A-CP/g/rdn/?/7/a | r= ns | Open ward : r = +.14 (ns) Closed ward: r = -.06 (ns) |

| | | | |
|----------------------|---|------------------------|-----|
| Study | VENTE 1997 | <i>Page in Report:</i> | 290 |
| <i>Reported in:</i> | Ventegodt, S. Livskvalitet og omstændigheder tidligt i livet(The quality of Life and Factors in Forskningscenter for Livskvalitet , Forskningscentrets Forlag, København, Denmark, ISBN 8790190130 | | |
| <i>Population:</i> | 31-33 aged, born at the university hospital, Denmark, 1993 | | |
| <i>Sample:</i> | Non-probability chunk sample | | |
| <i>Non-Response:</i> | 36% | | |
| <i>N:</i> | 4626 | | |

Measured Correlate

| | |
|-------------------------|--|
| <i>Class:</i> | Current living in an institution or not Code: I 2.2 |
| <i>Measurement:</i> | the child's fate, e.g., children's home a: discharged to pediatric department(which) b: discharged to children's home(which?) c: discharged home with mother d: discharged home, after mother on to foster home e: discharged with mother to an institution |
| <i>Measured Values:</i> | N all:4349, %:a:8,6, b:5,7, c:83, d:1,6, e:1,1 |
| <i>Error Estimates:</i> | |
| <i>Remarks:</i> | |

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> |
|------------------------|-------------------|--|
| A-AOL/m/sq/v/5/a | | a: Mt=7.79 b: Mt=7.71 c: Mt=7.73 d: Mt=7.75 e: Mt=7.65 |
| O-HL/c/sq/v/5/h | | a: Mt=7.11 b: Mt=6.81 c: Mt=7.03 d: Mt=6.93 e: Mt=6.60 |
| O-SLu/c/sq/v/5/e | | a: Mt=7.51 b: Mt=7.15 c: Mt=7.40 d: Mt=7.61 e: Mt=7.10 |

| | | | |
|----------------------|--|------------------------|-----------|
| Study | BAKER 1982 | <i>Page in Report:</i> | 77 |
| <i>Reported in:</i> | Baker, F., Intagliata, J. Quality of life in the evaluation of Community Support Systems. Evaluation and Program Planning, vol. 5, 1982, 69-79 | | |
| <i>Population:</i> | Mental patients shortly after change in institutional setting, USA, 1981 | | |
| <i>Sample:</i> | | | |
| <i>Non-Response:</i> | - | | |
| <i>N:</i> | 118 | | |

Measured Correlate

Class: Restrictiveness of setting Code: I 2.3.1

Measurement: 1 Supervised: 42% resided in formally supervised settings including 25% in adult homes, 14% in family-care homes, 2% in skilled nursing homes and 1% in group homes.
2 Non-supervised: The remaining respondents living in settings without formal supervision included 8% in boarding or rooming houses, 7% in a private residence with their spouse, 16% in a private residence with their parents or relatives, 5 % in a private residence with unrelated others and 22% were living alone in a private residence.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> |
|------------------------|-------------------|----------------|
| A-BB/cm/mq/v/2/a | SNR= ns | |

| | | | |
|----------------------|---|------------------------|-----|
| Study | BANZI 1983B | <i>Page in Report:</i> | 530 |
| <i>Reported in:</i> | Banziger, G. & Roush, Sh. Nursing Homes for the Birds: A Control Relevant Intervention with Bird Feeders. The Gerontologist vol 23, p 527-531 | | |
| <i>Population:</i> | Nursing home residents, Ohio, 198? | | |
| <i>Sample:</i> | Non-probability chunk sample | | |
| <i>Non-Response:</i> | not rep | | |
| <i>N:</i> | 40 | | |

Measured Correlate

Class: Restrictiveness of setting Code: I 2.3.1

Measurement: In a nursing home three groups were selected for a test for a responsibility inducing intervention.

1. Responsibility group. In a meeting the head administrator delivered a message of "caring for yourself, making your own decisions" They also got the responsibility for a bird feeder put up at their window, with the instruction: "when the food gets down, let us know"
2. Dependency group. In a meeting the head administrator delivered a dependency message: "your happiness is our responsibility"
3. Control group. They received no message at all.

Happiness was assessed 2 weeks prior to the interventions and 3 weeks after.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> |
|------------------------|-------------------|---|
| A-CP/?/rdn/n/10/a | DM=+ p<.05 | Staffrating responsibility group: pretest M=5,86, posttest M=7,43 |
| | DM=- ns | Staffrating dependency group: pretest M=4,92; posttest M=5,84 |
| | DM=+ p<.01 | Staffrating control group: pretest M=4,50; posttest M=6,25 |
| M-FH/?/sq/?/7/a | DM=+ p<.001 | Sel frating responsibility group: pretest M=4.07, posttest M=5.42 |
| | DM=- ns | Sel frating dependency group: pretest M=3,61; posttest M=3,69. |
| | DM=- ns | Sel frating control group: pretest M=3,83; posttest M=3,67 |

| | | | |
|----------------------|---|------------------------|-----|
| Study | LANGE 1976 | <i>Page in Report:</i> | 196 |
| <i>Reported in:</i> | Langer, E.J. and Rodin, J. The effects of choice and enhanced personal responsibility for the aged: A field Journal of Personality and Social Psychology, Vol 34, 1976, p.191-198 | | |
| <i>Population:</i> | Nursing home residents, Hamden, Connecticut, USA, 1973 | | |
| <i>Sample:</i> | | | |
| <i>Non-Response:</i> | 51% | | |
| <i>N:</i> | 45 | | |

Measured Correlate

Class: Restrictiveness of setting Code: I 2.3.1

Measurement: In nursing home two floors selected because of similarity in residents' characteristics. A different floor was randomly selected for each treatment. The nursing home administrator called a meeting in the lounge of each floor where she delivered two communications. 0 Comparison group: 2nd floor, the administrator stressed staff responsibility
1 Experimental group: 4th floor, the administrator emphasized respondents responsibility for themselves

Happiness was assessed 1 week prior to the communication (T1) and 3 weeks after (T2).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> | | | | | | | | | | | | |
|------------------------|-------------------|--|--------|----|----|--------|-------------|--------|------|--------|-------------------|--------|------|--------|
| O-HL/g/sq/n/8/a | DMt=+ p<.05 | Self reports of happiness in Mt' pre and post treatment. | | | | | | | | | | | | |
| | | <table><tr><td></td><td>T1</td><td>T2</td><td>CHANGE</td></tr><tr><td>-Experiment</td><td>: 6.31</td><td>6.65</td><td>+ 0.34</td></tr><tr><td>-Comparison group</td><td>: 5.99</td><td>5.84</td><td>- 0.15</td></tr></table> | | T1 | T2 | CHANGE | -Experiment | : 6.31 | 6.65 | + 0.34 | -Comparison group | : 5.99 | 5.84 | - 0.15 |
| | T1 | T2 | CHANGE | | | | | | | | | | | |
| -Experiment | : 6.31 | 6.65 | + 0.34 | | | | | | | | | | | |
| -Comparison group | : 5.99 | 5.84 | - 0.15 | | | | | | | | | | | |
| | | The difference in change was significant at .05 level. | | | | | | | | | | | | |

| | | | |
|----------------------|---|------------------------|-----|
| Study | PANDE 1971 | <i>Page in Report:</i> | 328 |
| <i>Reported in:</i> | Pandey, C. Popularity, rebelliousness, and happiness among institutionalized retarded males. American Journal of Mental Deficiency, 1971, p. 325-331. | | |
| <i>Population:</i> | Mentally retarded males, hospital, USA, 196? | | |
| <i>Sample:</i> | | | |
| <i>Non-Response:</i> | | | |
| <i>N:</i> | 149 | | |

Measured Correlate

| | | |
|-------------------------|------------------------------|---------------|
| <i>Class:</i> | Restrictiveness of setting | Code: I 2.3.1 |
| <i>Measurement:</i> | 0 Open ward 1 Closed ward | |
| <i>Measured Values:</i> | | |
| <i>Error Estimates:</i> | | |
| <i>Remarks:</i> | | |

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> |
|------------------------|-------------------|---|
| A-CP/g/rdn/?/7/a | DM=+ p<.001 | Open ward : M = 4.68 Mt' = 6.7 Closed ward: M = 5.39 Mt' = 7.8 |

| | | |
|----------------------|---|------------------------|
| Study | FORTI 1983 | <i>Page in Report:</i> |
| <i>Reported in:</i> | Th.J. Forti, M.S. Hyg A Documented Evaluation of Primary Prevention through Consultation Community Mental Health Journal, 1983, p 290-304 | |
| <i>Population:</i> | Catholic nuns, re-organized cloister, followed 4 years, Louisiana, USA, 1977-1981 | |
| <i>Sample:</i> | | |
| <i>Non-Response:</i> | T1: 18%, T2: 14%, T3: 23% | |
| <i>N:</i> | T1: 146, T2: 154, T3: 137 | |

Measured Correlate

Class: Group morale Code: I 2.3.2

Measurement: Single closed question: 'Compared to other religious communities, how do you rate yours on the way sisters get along?', rated on a 4-point scale: (1) Better than all; (2) Better than most; (3) about the same as most; (4) not as good as most. (order reversed)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> |
|------------------------|-------------------|---------------------|
| O-DT/u/sq/f/7/a | r=+.18 p<.05 | Only assessed at T1 |

| Study | | <i>Page in Report:</i> |
|----------------------|---|------------------------|
| FORTI 1983 | | |
| <i>Reported in:</i> | Th.J. Forti, M.S. Hyg A Documented Evaluation of Primary Prevention through Consultation Community Mental Health Journal, 1983, p 290-304 | |
| <i>Population:</i> | Catholic nuns, re-organized cloister, followed 4 years, Louisiana, USA, 1977-1981 | |
| <i>Sample:</i> | | |
| <i>Non-Response:</i> | T1: 18%, T2: 14%, T3: 23% | |
| <i>N:</i> | T1: 146, T2: 154, T3: 137 | |

Measured Correlate

Class: Group morale Code: I 2.3.2

Measurement: Single closed question: 'Compared to other religious communities, how do you rate yours on the way sisters stick together?', rated on a 4-point scale: (1) Better than all; (2) Better than most; (3) About the same as most; (4) Not as good as most. (order reversed)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> |
|------------------------|-------------------|---------------------|
| O-DT/u/sq/f/7/a | r=+.23 p<.01 | Only assessed at T1 |

| | | |
|----------------------|---|------------------------|
| Study | FORTI 1983 | <i>Page in Report:</i> |
| <i>Reported in:</i> | Th.J. Forti, M.S. Hyg A Documented Evaluation of Primary Prevention through Consultation Community Mental Health Journal, 1983, p 290-304 | |
| <i>Population:</i> | Catholic nuns, re-organized cloister, followed 4 years, Louisiana, USA, 1977-1981 | |
| <i>Sample:</i> | | |
| <i>Non-Response:</i> | T1: 18%, T2: 14%, T3: 23% | |
| <i>N:</i> | T1: 146, T2: 154, T3: 137 | |

Measured Correlate

Class: Group morale Code: I 2.3.2

Measurement: Single closed question: 'Feel part of local house group?', rated on a 4-point scale: (1) Really part; (2) Part in most ways; (3) Part in some ways; (4) Don't really belong. (order reversed).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> |
|------------------------|-------------------|---------------------|
| O-DT/u/sq/f/7/a | r=+.26 p<.01 | Only assessed at T1 |

| Study | FORTI 1983 | Page in Report: |
|----------------------|---|-----------------|
| <i>Reported in:</i> | Th.J. Forti, M.S. Hyg A Documented Evaluation of Primary Prevention through Consultation Community Mental Health Journal, 1983, p 290-304 | |
| <i>Population:</i> | Catholic nuns, re-organized cloister, followed 4 years, Louisiana, USA, 1977-1981 | |
| <i>Sample:</i> | | |
| <i>Non-Response:</i> | T1: 18%, T2: 14%, T3: 23% | |
| <i>N:</i> | T1: 146, T2: 154, T3: 137 | |

Measured Correlate

Class: Organizational change in institution Code: I 2.3.3

Measurement: A president and council form of administration was replaced by team governance.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

| Happiness Query | Statistics | Remarks |
|-----------------|--------------------|--|
| O-DT/u/sq/f/7/a | $E^2=+.23$ $p<.01$ | T1 (before change) $Mt' = 8.3$ T2 (2 years after change) $Mt' = 8.5$ T3 (4 years after change) $Mt' = 8.6$ |

| Study | SCHNE 1971 | Page in Report: | 63 |
|----------------------|---|-----------------|----|
| <i>Reported in:</i> | Schneider, F.W. & Coppinger, N.W. Staff-resident perception of the needs and adjustment of nursing home residents. Aging and Human Development, 1971, vol. 2, p. 59-65. | | |
| <i>Population:</i> | Chronically impaired males, living in nursing home, USA, 196? | | |
| <i>Sample:</i> | | | |
| <i>Non-Response:</i> | 51% unobtainable, because of incapacity or inability to understand. | | |
| <i>N:</i> | 20 | | |

Measured Correlate

Class: Quality of staff in institution Code: I 2.3.4

Measurement: 10-item inventory of statements which were intended to represent general needs of particular importance to residents of an institution for the age (e.g. "being able to do things for yourself", being with people who like you").

On the basis of paired comparisons the relative importance of each of the needs was assessed for each of the residents.

In the same way each staff member's perception of the relative importance of the needs for each of the residents was assessed. A difference score was computed for the discrepancy between each resident's ordering and the overall staff's ordering of the needs.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

| Happiness Query | Statistics | Remarks |
|-----------------|------------|---|
| O-HP/g/rc/?/0/a | ta=-.14 ns | Also the 20 difference scores of each individual staff member were ranked and then correlated with his rankings of the residents on satisfaction (= happiness measure). For only 2 of the 16 staff members a significant correlation was found. |

| | | | |
|----------------------|---|------------------------|----|
| Study | BENNE 1971 | <i>Page in Report:</i> | 58 |
| <i>Reported in:</i> | Bennett, F.A. Avowed happiness in communities of religious women Unpublished Phd. dissertation, University of Utah, 1971, USA | | |
| <i>Population:</i> | Nuns, Catholic congregations, USA, 1969 | | |
| <i>Sample:</i> | | | |
| <i>Non-Response:</i> | 11,5% | | |
| <i>N:</i> | 963 | | |

Measured Correlate

| | |
|-------------------------|--|
| <i>Class:</i> | Size of institution Code: I 2.3.5 |
| <i>Measurement:</i> | Single direct question: "How many nuns including yourself live together in the same convent?". 5 or less, 6-10, 11-15, 16-25, 25-50 and over 50. |
| <i>Measured Values:</i> | |
| <i>Error Estimates:</i> | |
| <i>Remarks:</i> | |

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> |
|------------------------|-------------------|--|
| O-HL/c/sq/v/3/f | $r=+.06$ ns | Convent-size significantly affected the jealousy that the sisters saw among the nuns in her convent. |

| | | | |
|----------------------|---|------------------------|----|
| Study | BENNE 1971 | <i>Page in Report:</i> | 57 |
| <i>Reported in:</i> | Bennett, F.A. Avowed happiness in communities of religious women Unpublished Phd. dissertation, University of Utah, 1971, USA | | |
| <i>Population:</i> | Nuns, Catholic congregations, USA, 1969 | | |
| <i>Sample:</i> | | | |
| <i>Non-Response:</i> | 11,5% | | |
| <i>N:</i> | 963 | | |

Measured Correlate

Class: Attitudes to institution Code: I 2.4

Measurement: Single direct question: "During the past six months, which of the following would best describe feelings or thoughts you have had about leaving religious life".

1. I have not considered leaving (60%)
2. I have considered leaving but not seriously (23%)
3. I have seriously considered leaving but have decided against it (10%)
4. I have seriously considered leaving and may do so (5%)
5. I will probably leave (2%)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> |
|------------------------|-------------------|----------------|
| O-HL/c/sq/v/3/f | r=+.47 p<.001 | |

| Study | FORTI 1983 | Page in Report: |
|----------------------|---|-----------------|
| <i>Reported in:</i> | Th.J. Forti, M.S. Hyg A Documented Evaluation of Primary Prevention through Consultation Community Mental Health Journal, 1983, p 290-304 | |
| <i>Population:</i> | Catholic nuns, re-organized cloister, followed 4 years, Louisiana, USA, 1977-1981 | |
| <i>Sample:</i> | | |
| <i>Non-Response:</i> | T1: 18%, T2: 14%, T3: 23% | |
| <i>N:</i> | T1: 146, T2: 154, T3: 137 | |

Measured Correlate

Class: Attitudes to institution Code: I 2.4

Measurement: Single closed question: 'How do you feel about persons around dependable/ responsible?', rated on a 7-point Delighted-Terrible scale, ranging from (1) Delighted to (7) Terrible, (8) neutral. (order reversed)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

| Happiness Query | Statistics | Remarks |
|-----------------|------------|---|
| O-DT/u/sq/f/7/a | r=+ | T1: 1977 r= +.17 (05) T2: 1979 r= +.28 (01) T3: 1981 r= +.38 (01) Both variables assessed at T1, T2, and T3. Correlation concerns same time measures. |

| Study | FORTI 1983 | Page in Report: |
|----------------------|---|-----------------|
| <i>Reported in:</i> | Th.J. Forti, M.S. Hyg A Documented Evaluation of Primary Prevention through Consultation Community Mental Health Journal, 1983, p 290-304 | |
| <i>Population:</i> | Catholic nuns, re-organized cloister, followed 4 years, Louisiana, USA, 1977-1981 | |
| <i>Sample:</i> | | |
| <i>Non-Response:</i> | T1: 18%, T2: 14%, T3: 23% | |
| <i>N:</i> | T1: 146, T2: 154, T3: 137 | |

Measured Correlate

Class: Attitudes to institution Code: I 2.4

Measurement: Single closed question: 'How do you feel about the opportunity to change things not liked?', rated on a 7-point Delighted-Terrible scale, ranging from (1) Delighted to (7) Terrible, (8) neither. (order reversed)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

| Happiness Query | Statistics | Remarks |
|-----------------|------------|---|
| O-DT/u/sq/f/7/a | r=+ | T1: 1977 r= +.07 (ns) T2: 1979 r= +.13 (05) T3: 1981 r= +.24 (01) Both variables assessed at T1, T2, and T3. Correlation concerns same time measures. |
| | r=+ | T1: 1977 r= +.07 (ns) T2: 1979 r= +.13 (05) T3: 1981 r= +.24 (01) Both variables assessed at T1, T2, and T3. Correlation concerns same time measures. |

| Study | FORTI 1983 | Page in Report: |
|----------------------|---|-----------------|
| <i>Reported in:</i> | Th.J. Forti, M.S. Hyg A Documented Evaluation of Primary Prevention through Consultation Community Mental Health Journal, 1983, p 290-304 | |
| <i>Population:</i> | Catholic nuns, re-organized cloister, followed 4 years, Louisiana, USA, 1977-1981 | |
| <i>Sample:</i> | | |
| <i>Non-Response:</i> | T1: 18%, T2: 14%, T3: 23% | |
| <i>N:</i> | T1: 146, T2: 154, T3: 137 | |

Measured Correlate

Class: Attitudes to institution Code: I 2.4

Measurement: Single closed question: 'How do you feel about the local house government?', rated on a 7-point Delighted-Terrible scale, ranging from (1) Delighted to (7) Terrible, (8) neither. (order reversed)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

| Happiness Query | Statistics | Remarks |
|-----------------|------------|---|
| O-DT/u/sq/f/7/a | r=+ | T1: 1977 r= +.09 (ns) T2: 1979 r= +.14 (05) T3: 1981 r= +.24 (01) Both variables assessed at T1, T2, and T3. Correlation concerns same time measures. |

| Study | FORTI 1983 | <i>Page in Report:</i> |
|----------------------|---|------------------------|
| <i>Reported in:</i> | Th.J. Forti, M.S. Hyg A Documented Evaluation of Primary Prevention through Consultation Community Mental Health Journal, 1983, p 290-304 | |
| <i>Population:</i> | Catholic nuns, re-organized cloister, followed 4 years, Louisiana, USA, 1977-1981 | |
| <i>Sample:</i> | | |
| <i>Non-Response:</i> | T1: 18%, T2: 14%, T3: 23% | |
| <i>N:</i> | T1: 146, T2: 154, T3: 137 | |

Measured Correlate

Class: Attitudes to institution Code: I 2.4

Measurement: Single closed question: 'Feel about moving to another house group?', rated on a 4-point scale: (1) Definitely stay (2) Probably stay, might consider moving; (3) No difference move or stay; (4) Definitely move. (order reversed)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> |
|------------------------|-------------------|---------------------|
| O-DT/u/sq/f/7/a | r=+.09 ns | Only assessed at T1 |

| Study | FORTI 1983 | Page in Report: |
|----------------------|---|-----------------|
| <i>Reported in:</i> | Th.J. Forti, M.S. Hyg A Documented Evaluation of Primary Prevention through Consultation Community Mental Health Journal, 1983, p 290-304 | |
| <i>Population:</i> | Catholic nuns, re-organized cloister, followed 4 years, Louisiana, USA, 1977-1981 | |
| <i>Sample:</i> | | |
| <i>Non-Response:</i> | T1: 18%, T2: 14%, T3: 23% | |
| <i>N:</i> | T1: 146, T2: 154, T3: 137 | |

Measured Correlate

Class: Attitudes to institution Code: I 2.4

Measurement: Single closed question: 'How do you feel about responsibilities for other sisters (local community)?', rated on a 7-point Delighted-Terrible scale, ranging from (1) Delighted to (7) Terrible, (8) neither.
(order reversed)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

| Happiness Query | Statistics | Remarks |
|-----------------|------------|---|
| O-DT/u/sq/f/7/a | r=+ | T1: 1977 r= +.27 (01) T2: 1979 r= +.20 (01) T3: 1981 r= +.20 (01) Both variables assessed at T1, T2, and T3. Correlation concerns same time measures. |

| | | | |
|----------------------|---|------------------------|-----|
| Study | PANDE 1971 | <i>Page in Report:</i> | 329 |
| <i>Reported in:</i> | Pandey, C. Popularity, rebelliousness, and happiness among institutionalized retarded males. American Journal of Mental Deficiency, 1971, p. 325-331. | | |
| <i>Population:</i> | Mentally retarded males, hospital, USA, 196? | | |
| <i>Sample:</i> | | | |
| <i>Non-Response:</i> | | | |
| <i>N:</i> | 149 | | |

Measured Correlate

| | |
|-------------------------|--|
| <i>Class:</i> | Behavior in institution Code: I 2.5 |
| <i>Measurement:</i> | Ratings by two experienced staff members who are familiar with all the patients on a 7-point 'rebellious - cooperative' scale. |
| <i>Measured Values:</i> | |
| <i>Error Estimates:</i> | |
| <i>Remarks:</i> | |

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> |
|------------------------|-------------------|---|
| A-CP/g/rdn/?/7/a | r=+ p<.001 | Open ward : r = +.56 (001) Closed ward: r = +.60 (001) |

| Study | SCHNE 1971 | Page in Report: | 63 |
|----------------------|---|-----------------|----|
| <i>Reported in:</i> | Schneider, F.W. & Coppinger, N.W. Staff-resident perception of the needs and adjustment of nursing home residents. Aging and Human Development, 1971, vol. 2, p. 59-65. | | |
| <i>Population:</i> | Chronically impaired males, living in nursing home, USA, 196? | | |
| <i>Sample:</i> | | | |
| <i>Non-Response:</i> | 51% unobtainable, because of incapacity or inability to understand. | | |
| <i>N:</i> | 20 | | |

Measured Correlate

| | |
|-------------------------|--|
| <i>Class:</i> | Behavior in institution Code: I 2.5 |
| <i>Measurement:</i> | Overall staff-ratings on cooperation with the staff, conformity to rules, and conduct. |
| <i>Measured Values:</i> | |
| <i>Error Estimates:</i> | |
| <i>Remarks:</i> | |

Observed Relation with Happiness

| Happiness Query | Statistics | Remarks |
|-----------------|----------------|--|
| O-HP/g/rc/?/0/a | ta=+.46 p<. 01 | For 12 out of the 16 staff members a significant (05) relationship between their ranking on cooperation and satisfaction (= happiness measure) was found (range of $r = +.32$ to $+.63$). |

| Study | | <i>Page in Report:</i> |
|----------------------|---|------------------------|
| SCHNE 1971 | | |
| <i>Reported in:</i> | Schneider, F.W. & Coppinger, N.W. Staff-resident perception of the needs and adjustment of nursing home residents. Aging and Human Development, 1971, vol. 2, p. 59-65. | |
| <i>Population:</i> | Chronically impaired males, living in nursing home, USA, 196? | |
| <i>Sample:</i> | | |
| <i>Non-Response:</i> | 51% unobtainable, because of incapacity or inability to understand. | |
| <i>N:</i> | 20 | |

Measured Correlate

| | |
|-------------------------|--|
| <i>Class:</i> | Behavior in institution Code: I 2.5 |
| <i>Measurement:</i> | Overall staff-ratings based on the staff's own conceptualization of adjustment |
| <i>Measured Values:</i> | |
| <i>Error Estimates:</i> | |
| <i>Remarks:</i> | |

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> |
|------------------------|-------------------|--|
| O-HP/g/rc/?/0/a | ta=+.35 p<.02 | For 8 out of the 12 staff members a significant(.05) relationship between their rankings on adjustment and satisfaction (= happiness measure) was found (range of $r = +.27$ to $+.51$). Analysis of results suggest that in evaluating the residents the staff equated adjustment with external criteria, such as cooperation and conduct, more than with internal criteria, such as the feelings of the residents. |

| | | | |
|----------------------|---|------------------------|----|
| Study | SCHNE 1971 | <i>Page in Report:</i> | 63 |
| <i>Reported in:</i> | Schneider, F.W. & Coppinger, N.W. Staff-resident perception of the needs and adjustment of nursing home residents. Aging and Human Development, 1971, vol. 2, p. 59-65. | | |
| <i>Population:</i> | Chronically impaired males, living in nursing home, USA, 196? | | |
| <i>Sample:</i> | | | |
| <i>Non-Response:</i> | 51% unobtainable, because of incapacity or inability to understand. | | |
| <i>N:</i> | 20 | | |

Measured Correlate

| | |
|-------------------------|---|
| <i>Class:</i> | Behavior in institution Code: I 2.5 |
| <i>Measurement:</i> | Overall staff-ratings based on the staff's own conceptualization of adjustment. |
| <i>Measured Values:</i> | |
| <i>Error Estimates:</i> | |
| <i>Remarks:</i> | |

Observed Relation with Happiness

| <i>Happiness Query</i> | <i>Statistics</i> | <i>Remarks</i> |
|------------------------|-------------------|---|
| O-HP/g/rc/?/0/a | ta=+.35 p<.02 | For 8 out of the 12 staff members a significant (05) relationship between their rankings on adjustment and satisfaction (= happiness measure) was found (range from +.27 to +.51). Analysis of results suggest that in evaluating the residents the staff equated adjustment with external criteria, such as cooperation and conduct, more than with internal criteria, such as the feelings of the residents. |

Appendix 1 Queries on Happiness used in reported Studies
Happiness Query Code Full Text

A-AOL/m/sq/v/5/a

Single direct question:

'How are you feeling now....?'

5 very good

4 good

3 neither good nor poor

2 poor

1 very poor

Original text in Danish:

'Hvordan har du det for tiden?'

5 meget godt

4 godt

3 hverken godt eller dårligt

2 dårligt

1 meget dårligt

A-BB/cm/mq/v/2/a

Selfreport on 10 questions:

"During the past few weeks, did you ever feel?" (yes/no)

A Particularly exited or interested in something?

B So restless that you couldn't sit long in a chair?

C Proud because someone complimented you on something you had done?

D Very lonely or remote from other people?

E Pleased about having accomplished something?

F Bored?

G On top of the world?

H Depressed or very unhappy?

I That things were going your way?

J Upset because someone criticized you?

Answer options and scoring:

yes = 1

no = 0

Summation:

-Positive Affect Score (PAS): A+C+E+G+I

-Negative Affect Score (NAS): B+D+F+H+J

-Affect Balance Score (ABS): PAS minus NAS

Possible range: -5 to +5

A-CP/?/rdn/n/10/a

Name: Bradburn's 'Affect Balance Scale' (standard version)

Rating by two nurses on different shifts, who had frequent contact with the subject

"..... how happy"

(full question not reported)

1

2

3

| | |
|------------------|---|
| | 4 |
| | 5 |
| | 6 |
| | 7 |
| | 8 |
| | 9 |
| | 10 |
| | Scale labels not reported |
| A-CP/g/rdn/?/7/a | Rating by two independant staffmembers who were familiar with the patient. |
| | 7 happy |
| | 6 |
| | 5 |
| | 4 |
| | 3 |
| | 2 |
| | 1 depressed |
| M-FH/?/sq/?/7/a | Selfreport on single question: |
| | "..... how happy you feel" |
| | (full question not reported) |
| | 1 |
| | 2 |
| | 3 |
| | 4 |
| | 5 |
| | 6 |
| | 7 |
| | Scale labels not reported |
| O-DT/u/sq/f/7/a | Selfreport on single question: |
| | "Which face comes closest to expressing feeling about life as a whole?", |
| | 7 delighted |
| | 6 very satisfying |
| | 5 satisfying |
| | 4 mixed |
| | 3 dissatisfying |
| | 2 very dissatisfying |
| | 1 terrible |
| | - No opinion |
| | |
| | Name: Andrews & Withey's "Delighted-Terrible Scale" (modified version) |
| O-HL/c/sq/v/3/f | Selfreport on single question: |
| | "Considering everything that has happened to you recently, how would you say things are with you - would you say you are.....?" |
| | 3 very happy |
| | 2 pretty happy |
| | 1 not too happy |

| | |
|------------------|--|
| O-HL/c/sq/v/5/h | <p>Selfreport on single question</p> <p>'How happy are you now?'</p> <p>5 very happy</p> <p>4 happy</p> <p>3 neither happy nor unhappy</p> <p>2 unhappy</p> <p>1 very unhappy</p> <p>Original text in Danish:</p> <p>'Hvor lykkelig er du for tiden?'</p> <p>5 meget lykkelig</p> <p>4 lykkelig</p> <p>3 hverken eller</p> <p>2 ullykkelig</p> <p>1 meget ullykkelig</p> |
| O-HL/g/sq/n/8/a | <p>Selfreport on single question:</p> <p>"How happy would you say you were in general?"</p> <p>1 -</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8 +</p> |
| O-HP/g/rc/?/0/a | <p>(Full response options not reported)</p> <p>Clinical rating by 16 staffmembers on the basis of lasting face to face contact.</p> <p>".....happiness and satisfaction with past and present life....."</p> <p>(full question to raters not reported)</p> |
| O-SL?/?/sq/v/4/a | <p>Ratingscale not reported</p> <p>Selfreport on single question:</p> <p>"..... how satisfied are you with your life-as-a-whole.....?"</p> <p>(Full question not reported)</p> <p>1 not very satisfied</p> <p>2 somewhat satisfied</p> <p>3 very satisfied</p> <p>4 extremely satisfied</p> |
| O-SLu/c/sq/v/5/e | <p>Selfreport on single question:</p> <p>'How satisfied are you with your life now?'</p> <p>5 very satisfied</p> <p>2 satisfied</p> <p>3 neither satisfied nor dissatisfied</p> <p>2 dissatisfied</p> <p>1 very dissatisfied</p> |

O-SLu/c/sq/v/5/g

Original text in Danish:
'Hvor tilfreds er du med dit liv for tiden?'

5 meget tilfreds
4 tilfreds
3 hverken tilfreds eller utilfreds
2 utilfreds
1 meget utilfreds

Self report on single question:

'How satisfying do you find your life at the moment.....?'

1 very dissatisfying
2 quite dissatisfying
3 not satisfying not dissatisfying
4 quite satisfying
5 very satisfying

In Finnish: 'Kuinka tyydyttäväksi koet elämäsi tällä hetkellä ?'

On the web you will find an overview of valid queries on happiness and an explanation of the classification used. Go to: www.eur.nl/fsw/research/happiness/hap_quer/hqi_fp.htm. This is the introductory text to the Catalog of Happiness Queries.

Appendix 2 *Statistics used in reported studies*

| <i>Symbol</i> | <i>Explanation</i> |
|----------------|--|
| B | <p>REGRESSION COEFFICIENT (non-standardized)</p> <p>Type: test statistic</p> <p>Measurement level: Correlate: metric, Happiness: metric</p> <p>Theoretical range: unlimited</p> <p>Meaning:</p> <p>$B > 0$ « a higher correlate level corresponds with, on an average, higher happiness rating.</p> <p>$B < 0$ « a higher correlate level corresponds with, on an average, lower happiness rating.</p> <p>$B = 0$ « not any correlation with the relevant correlate.</p> |
| DM | <p>DIFFERENCE of MEANS</p> <p>Type: descriptive statistic only.</p> <p>Measurement level: Correlate: dichotomous, Happiness: metric</p> <p>Range: depending on the happiness rating scale of the author; range symmetric about zero.</p> <p>Meaning: the difference of the mean happiness, as measured on the author's rating scale, between the two correlate levels.</p> |
| DMt | <p>DIFFERENCE of MEANS AFTER TRANSFORMATION</p> <p>Type: descriptive statistic only.</p> <p>Measurement level: Correlate: dichotomous, Happiness: metric</p> <p>Theoretical range: [-10; +10]</p> <p>Meaning: the difference of the mean happiness (happiness measured at a 0-10 rating scale) between the two correlate levels.</p> |
| E ² | <p>CORRELATION RATIO (Elsewhere sometimes called h^2 or η^2)</p> <p>Type: test statistic</p> <p>Measurement level: Correlate: nominal or ordinal, Happiness: metric</p> <p>Range: [0; 1]</p> <p>Meaning: correlate is accountable for $E^2 \times 100$ % of the variation in happiness.</p> <p>$E^2 = 0$ « knowledge of the correlate value does not improve the prediction quality of the happiness rating.</p> <p>$E^2 = 1$ « knowledge of the correlate value enables an exact prediction of the happiness rating</p> |
| r | <p>PRODUCT-MOMENT CORRELATION COEFFICIENT (Also 'Pearson's correlation coefficient' or simply 'correlation coefficient')</p> <p>Type: test statistic.</p> <p>Measurement level: Correlate: metric, Happiness: metric</p> <p>Range: [-1; +1]</p> <p>Meaning:</p> <p>$r = 0$ « no correlation ,</p> <p>$r = 1$ « perfect correlation, where high correlate values correspond with high happiness values, and</p> |

SNR
ta

$r = -1$ « perfect correlation, where high correlate values correspond with low happiness values.

Statistic Not Reported

KENDALL'S RANK CORRELATION COEFFICIENT TAU-A

Type: test statistic

Measurement level: Correlate: ordinal, Happiness: ordinal

Range: [-1; +1], but if ties are present $-1 < ta < +1$.

Meaning:

$ta = 0$ « no rank correlation

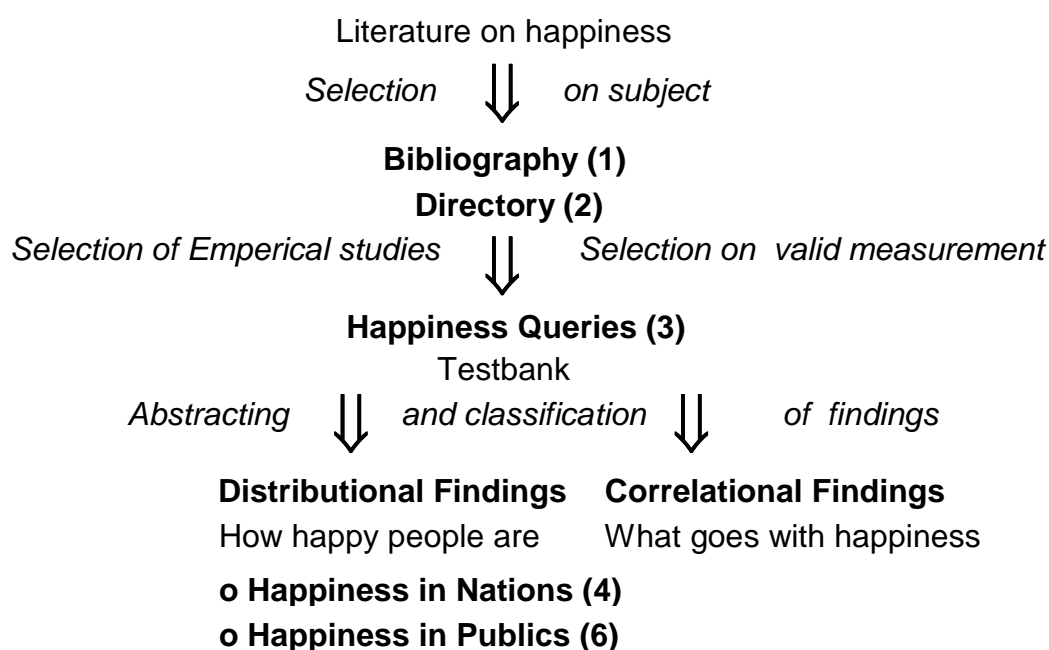
$ta = 1$ « perfect rank correlation, where high values of the correlate correspond with high happiness ratings.

$ta = -1$ « perfect rank correlation, where high values of the correlate correspond with low happiness ratings.

On the web you will find a text explaining the statistics used in more detail. Go to: www.eur.nl/fsw/research/happiness/hap_cor/cor_fp.htm. This is the introductory text to the Catalog of Correlational Findings. An overview of all statistics is in chapter 4.

Appendix 3: About the World Database of Happiness

The World Database of Happiness is an ongoing register of scientific research on subjective appreciation of life. It brings together findings that are scattered throughout many studies and provides a basis for synthetic analysis. The research literature is processed as follows:



- 1 BIBLIOGRAPHY OF HAPPINESS Presents all contemporary scientific publications. Detailed subject-classification. Current contents: 3422 titles, mainly in English.
- 2 DIRECTORY OF INVESTIGATORS Names and addresses of most authors on the subject. Enumerates years of publication. Current contents: 5818 names and 3073 addresses. Part of Bibliography.
- 3 CATALOG OF HAPPINESS QUERIES (testbank) Presents all indicators that tap happiness as defined here. Current content: 522 measures, mostly single questions. Queries are classified by focus, time reference, mode of observation, rating and wording.
- 4 CATALOG OF HAPPINESS IN NATIONS Presents distributitional research findings, in particular responses to questions on happiness in national survey studies. Allows comparison across time and nations. Current content: 1889 surveys in 112 nations, 1946-2000.
- 5 CATALOG OF HAPPINESS IN PUBLICS Distributitional findings on happiness in special publics within nations, such as aged people. Current contents: 705 studies. Part of Catalog of Correlational Findings.
- 6 CATALOG OF CORRELATIONAL FINDINGS Presents abstracts of correlational research findings. Detailed subject-classification. Allows comparison through time and across nations. Current contents: 7476 findings from 705 studies in 140 nations, 1911-2000.

Appendix 4 Further Findings in the World Database of Happiness

| <i>Main Category's</i> | <i>Category Name</i> | <i>Number of Studies in this Category</i> |
|------------------------|---|---|
| A 1 | ACTIVITY LEVEL (how much one does) | 53 |
| A 2 | ACTIVITY PATTERN (what one does) | 7 |
| A 3 | AFFECTIVE LIFE | 31 |
| A 4 | AGE | 279 |
| A 5 | AGGRESSION | 11 |
| A 6 | ANOMY | 30 |
| A 7 | APPEARANCE (good looks) | 8 |
| A 8 | ATTITUDES | 4 |
| A 9 | AUTHORITARIANISM | 4 |
| B 3 | BODY | 66 |
| C 1 | CHILDREN 1: | 4 |
| C 10 | CREATIVENESS | 6 |
| C 11 | CULTURE (Arts and Sciences) | 6 |
| C 2 | CHILDREN: WANT FOR (Parental aspirations) | 6 |
| C 3 | CHILDREN: HAVING (parental status) | 145 |
| C 4 | CHILDREN's CHARACTERISTICS | 19 |
| C 5 | CHILDREN: RELATION WITH | 8 |
| C 6 | CHILDREN: REARING (parental behavior) | 11 |
| C 7 | COMMUNAL LIVING | 1 |
| C 8 | CONCERNS | 15 |
| C 9 | COPING | 27 |
| D 1 | DAILY JOYS & HASSLES | 4 |
| E 1 | EDUCATION | 243 |
| E 2 | EMPLOYMENT | 180 |
| E 3 | ETHNICITY | 63 |
| E 4 | EXPRESSIVE BEHAVIOR | 10 |
| F 1 | FAMILY OF ORIGIN (earlier family for adults, current for young) | 195 |
| F 2 | FAMILY OF PROCREATION | 42 |
| F 3 | FAMILY OF RELATIVES | 145 |
| F 4 | FARMING | 30 |
| F 5 | FREEDOM | 24 |
| F 6 | FRIENDSHIP | 123 |
| G 1 | GENDER | 252 |
| G 2 | GRIEF | 1 |
| H 10 | HOPE | 3 |
| H 11 | HOUSEHOLD: COMPOSITION | 90 |
| H 12 | HOUSEHOLD: WORK | 10 |
| H 13 | HOUSING | 75 |
| H 2 | HANDICAP | 13 |

| | | |
|------|---|-----|
| H 3 | HAPPINESS: ATTITUDES | 39 |
| H 5 | HAPPINESS CAREER | 144 |
| H 6 | HAPPINESS: CURRENT LEVEL | 260 |
| H 8 | HEALTH-BEHAVIOR | 15 |
| H 9 | HELPING | 4 |
| I 1 | INCOME | 415 |
| I 2 | INSTITUTIONAL LIVING | 28 |
| I 3 | INTELLIGENCE | 63 |
| I 4 | INTERESTS | 5 |
| I 5 | INTERVIEW | 49 |
| I 6 | INTIMACY | 70 |
| L 1 | LANGUAGE | 1 |
| L 10 | LOCAL ENVIRONMENT | 270 |
| L 11 | LOTTERY | 7 |
| L 12 | LOVE-LIFE | 26 |
| L 2 | LEADERSHIP | 8 |
| L 3 | LEISURE | 128 |
| L 4 | LIFE APPRAISALS: OTHER THAN HAPPINESS4 | 290 |
| L 5 | LIFE-CHANGE | 26 |
| L 6 | LIFE-EVENTS | 63 |
| L 7 | LIFE-GOALS | 52 |
| L 8 | LIFE HISTORY | 1 |
| L 9 | LIFE STYLE | 4 |
| M 1 | MARRIAGE: MARITAL STATUS CAREER | 32 |
| M 10 | MIGRATION: MIGRANT WORK | 3 |
| M 11 | MILITARY LIFE | 5 |
| M 12 | MODERNITY | 5 |
| M 13 | MOOD | 181 |
| M 2 | MARRIAGE: CURRENT MARITAL STATUS | 315 |
| M 3 | MARRIAGE: RELATIONSHIP | 99 |
| M 4 | MARRIAGE: PARTNER | 34 |
| M 5 | MEANING | 18 |
| M 6 | MEDICAL TREATMENT | 49 |
| M 7 | MENTAL HEALTH | 99 |
| M 8 | MIGRATION: OTHER COUNTRY | 9 |
| M 9 | MIGRATION: MOVING WITHIN COUNTRY (residential mobility) | 17 |
| N 1 | NATIONALITY | 5 |
| N 2 | NATION: TIME & PLACE | 20 |
| N 3 | NATIONAL CHARACTER (modal personality) | 2 |
| N 4 | NATION'S CONDITION | 52 |
| N 6 | ATTITUDES TO THE NATION | 111 |
| N 7 | LIVABILITY OF THE NATION | 5 |
| N 8 | NUTRITION | 18 |
| O 1 | OCCUPATION | 133 |

| | | |
|------|---|-----|
| O 2 | ORGAN TRANSPLANTATION | 11 |
| P 1 | PERSONALITY: HISTORY | 44 |
| P 10 | POSSESSIONS | 26 |
| P 12 | PROBLEMS | 20 |
| P 13 | PSYCHO-SOMATIC COMPLAINTS | 53 |
| P 2 | PERSONALITY: CHANGE | 7 |
| P 3 | PERSONALITY: CURRENT ORGANIZATION | 7 |
| P 4 | PERSONALITY: CURRENT TRAITS | 392 |
| P 5 | PERSONALITY: LATER | 23 |
| P 6 | PHYSICAL HEALTH | 286 |
| P 7 | PLANNING | 7 |
| P 8 | POLITICS | 197 |
| P 9 | POPULARITY | 22 |
| R 1 | RELIGION | 198 |
| R 2 | RESOURCES | 8 |
| R 3 | RETIREMENT | 46 |
| R 4 | ROLES | 13 |
| S 1 | SCHOOL | 92 |
| S 10 | SOCIAL SUPPORT: RECEIVED | 26 |
| S 11 | SOCIAL SUPPORT: Provided | 3 |
| S 12 | SPORTS | 32 |
| S 13 | STIMULANTS | 33 |
| S 14 | SUICIDE | 4 |
| S 15 | SUMMED EFFECTS ON HAPPINESS | 71 |
| S 2 | SELF-IMAGE | 193 |
| S 3 | SEX-LIFE | 54 |
| S 4 | SLEEP | 10 |
| S 5 | SOCIAL MOBILITY | 16 |
| S 6 | SOCIAL PARTICIPATION: PERSONAL CONTACTS | 50 |
| S 7 | SOCIAL PARTICIPATION: VOLUNTARY ASSOCIATIONS | 111 |
| S 8 | SOCIAL PARTICIPATION: TOTAL (personal + associations) | 25 |
| S 9 | SOCIAL STATUS (Socio-Economic Status) | 140 |
| T 1 | TIME | 27 |
| T 2 | THERAPY | 9 |
| T 3 | TOLERANCE | 37 |
| V 1 | VALUE CAREER | 8 |
| V 2 | VALUES: CURRENT PREFERENCES (own) | 49 |
| V 3 | VALUES: CLIMATE (current values in environment) | 4 |
| V 4 | VALUES: SIMILARITY (current fit with others) | 5 |
| V 5 | VICTIM | 11 |
| W 1 | WAR | 5 |
| W 2 | WORK CAREER | 1 |
| W 3 | WORK CONDITIONS | 34 |
| W 4 | WORK-ATTITUDES | 313 |

| | | |
|-----|----------------------------|----|
| W 5 | WORK-PERFORMANCE (current) | 6 |
| W 6 | WORRIES | 27 |
| X | UNCLASSIFIED | 22 |

Appendix 5 Related Topics

This Topic

Classification Page 1

Related Topics

In Subject List on Appendix 4

| | | | |
|-----------|---|----------|---|
| I 2 | INSTITUTIONAL LIVING | C 7 | COMMUNAL LIVING |
| | | M 11 | MILITARY LIFE |
| | | P 11 | PRISON |
| | | S 1.3.5 | School-type HOSPITALIZATION |
| I 2.1 | Institutional career | L 10.1 | Residential career |
| I 2.1.1 | Ever lived in an institutional setting | | |
| I 2.1.2 | Change in institutional living | | |
| I 2.1.2.1 | . before and after entrance | | |
| I 2.1.2.2 | . before and after leave | | |
| I 2.1.3 | Length of current stay in institution | | |
| I 2.1.4 | Later institutional living | | |
| I 2.2 | Current living in an institution or not | H 11 | HOUSEHOLD: COMPOSITION |
| I 2.2.5 | Living in a home for elderly | H 2.2 | Being currently handicapped |
| | | P 6.3 | Current functional health |
| | | F 2.1 | Family career (family life-cycle) |
| I 2.2.6 | Living in a home for handicapped | H 2.2 | Being currently handicapped |
| | | P 6.3 | Current functional health |
| I 2.3 | Characteristics of institution | | |
| I 2.3.1 | Restrictiveness of setting | F 5.3 | Current absence of restrictions (social freedom) |
| I 2.3.2 | Group morale | | MORALE |
| I 2.3.3 | Organizational change in institution | | |
| I 2.3.4 | Quality of staff in institution | | |
| I 2.3.5 | Size of institution | H 11.2.3 | Number of persons in household |
| I 2.4 | Attitudes to institution | M 11.3 | Attitudes to military life |
| | | S 1.4 | Attitudes to school |
| | | W 4 | WORK-ATTITUDES |
| I 2.5 | Behavior in institution | | |

End of Report